XNET / MER INTERFACE ENCLOSURE
DO NOT ENTER TOP OF CONTROL PANEL

XNET / MER INTERFACE ENCLOSURE #1 – INTERNAL VIEW
DO NOT ENTER TOP OF CONTROL PANEL

XNET / MER INTERFACE ENCLOSURE #2 – INTERNAL VIEW
DO NOT ENTER TOP OF CONTROL PANEL

MMB-1 Main Board

MPS-6 Power Supply

MPS-12 Power Supply

PSE-1 Remote Power Supply

MON-4 Card Cage

BATTERY (BTC-1)

XNET TRANSPONDER INTERFACE, DATA & POWER CIRCUITS ONLY

FACTORY (BY CERBERUS WIRING SYNOTRONICS)

XNET / MER INTERFACE CABINET
FC-36 40 MODULE ENCLOSURE
BACK BOX MEASURES
23-7/8"W x 36"H x 4-3/8"D

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF ONE OF THE REFERENCE DRAWINGS FOR CONTRACT NO. WTC-961.042 IN THE FORM IN WHICH SAID DRAWINGS EXISTED AT THE TIME THE SAID CONTRACT WAS EXECUTED BY THE PARTIES.

DATE 2/1/00 CONTRACT ENGR./ARCH.

DATE 2/3/00 ENGINEERING PROGRAM MGR.

LEGEND		WIRING	NOTES
XNET-A	X-NETWORK "A" CIRCUITS	1. ALL AC POWER WIRING SHALL BE #10 AWG XHHW-2 (WHITE & BLACK).	1) SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH SIEMENS-CERBERUS DIVISION SPECIFICATIONS, APPLICABLE CODES & THE CONTRACT DOCUMENTS. DISCREPANCIES, CONFLICTS AND OMISSIONS FOUND ON ANY DOCUMENT, DRAWING, SKETCH ETC. SHALL BE REPORTED IMMEDIATELY TO THE SIEMENS-CERBERUS DIVISION PROJECT MANAGER. INSTALLATION CONTRACTOR SHALL NOT PROCEED UNTIL CLARIFICATION AND RESOLUTION IS ISSUED BY WRITTEN ADDENDUM BY SIEMENS-CERBERUS DIVISION PROJECT MANAGER. ALL WORK SHALL BE FULLY INSPECTED AND TESTED BY A CERTIFIED SYSTEMS TECHNICIAN TRAINED BY THE SIEMENS-CERBERUS DIVISION PROJECT MANAGER. SYSTEMS SHALL NOT BE POWERED UP PRIOR TO THIS POINT.
XNET-B	X-NETWORK "B" CIRCUITS	2. AMPLIFIER BATTERY WIRING SHALL BE #10 AWG XHHW-2 (RED & BLACK).	
XNET-A	H-NETWORK "A" CIRCUIT	3. HIGH LEVEL AUDIO, SPEAKER, CONTROL & SOLENOID CIRCUITS SHALL BE #14 AWG UNSHIELDED TEFLON.	
XNET-B	H-NETWORK "B" CIRCUIT	4. LOW LEVEL AUDIO, NETWORK, ALD, STROBE, TELEPHONE CIRCUITS SHALL BE #16 AWG SHIELDED TEFLON.	2) ALL CONNECTIONS MADE DIRECTLY OR INDIRECTLY TO SIEMENS-CERBERUS DIVISION EQUIPMENT AND SYSTEMS SHALL BE IN ACCORDANCE WITH ALL SIEMENS-CERBERUS DIVISION DRAWINGS, SKETCHES, BULLETINS AND SPECIFICATIONS. EQUIPMENT, METHODS OR MATERIALS NOT LISTED AND APPROVED FOR USE WITH THIS EQUIPMENT BY SIEMENS-CERBERUS DIVISION SHALL NOT BE EMPLOYED.
LL1	LOW LEVEL CHANNEL 1 RISER (PA/BE/ALERT)	5. ALL WIRING DEVICES, TERMINALS, CONNECTORS, ETC SHALL BE UL LISTED / MEA APPROVED FOR THE TYPE WIRE USED.	
LL2	LOW LEVEL CHANNEL 2 RISER (EVAC)	6. ALL TERMINAL CONNECTORS FOR #10 AWG SHALL BE APPROVED FOR SOLID WIRE CONNECTION.	3) CONTRACTOR SHALL PERFORM ALL WORK SHOWN ON SIEMENS-CERBERUS DIVISION DRAWINGS, WHICH INCLUDES INTERFACE WIRING REMOVAL, CHANGES, & ADDITIONS AND EXTERNAL MODIFICATIONS AS NEEDED FOR COMPATIBLE INSTALLATION. ALL WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER.
LLT	LOW LEVEL TELEPHONE RISER (TEL)		
HL1	HIGH LEVEL CHANNEL 1		
HL2	HIGH LEVEL CHANNEL 2		
ALD	ANALOG LOOP DRIVER (L-4)		
CRM	CONVENTIONAL SIGNAL MODULE (S-4)		
———	DARK SOLID LINES INDICATE WORK TO BE DONE.		
———	LIGHT SOLID LINES INDICATE EXISTING TO REMAIN.		
———	DARK CENTER LINES INDICATE EXISTING WIRING RELOCATED.		

DRAIN WIRE TERMINATED

DETAIL "A" – TYPICAL SHIELD/DRAIN INSULATING METHOD

DRAIN WIRE NOT TERMINATED

DETAIL "C" – TYPICAL SHIELD/DRAIN INSULATING METHOD

DRAIN WIRE CONTINUOUS

DETAIL "B" TYPICAL SHIELD/DRAIN INSULATING METHOD

SIEMENS
Cerberus Division
Siemens Building Technologies, Inc.
FIRE ALARM SYSTEMS GROUP
8 FERNWOOD ROAD FLORHAM PARK, NJ 07932
tel (800) 631-3611

FIRE ALARM SYSTEM
XL3 CONVERSION
PHASE III
1 WTC 108th FLOOR MER

DRAWING PREPARED FOR:

DRAWN BY:	N.P.
SCALE:	NONE
DATE:	7/24/99
JOB NO:	101.994
CHECKED BY:	J.G.
SHEET NO.	MXL-MT-108
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